



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt
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Executive Director

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Division Director

April 25, 2003

CERTIFIED RETURN RECEIPT
7099 3400 0016 8896 2307

William Bown
Utah Building Stone Supply
842 West 400 North
West Bountiful, Utah 84087

Re: Approval of Amendment to Re-route Roads, Bonneville Quarries, Inc., Grouse Creek Mountain Quarry, M/003/031, Box Elder County, Utah

Dear Mr. Bown:

We have reviewed your proposed amendment received on January 30, 2003, for the Grouse Creek Mountain Quarry. This amendment involves the re-routing of certain roads at the project area and reclaiming the existing roads that would no longer be needed once the proposed roads are constructed. We hereby grant our **approval** of this mine plan amendment. Please be advised, that before you construct the 550-foot road on BLM lands (located in the SE1/4 NE1/4 NE1/4 of Section 3, T12N, R17W, SLBM), you must first obtain BLM authorization. It is our understanding that the BLM expects the previously outlined reclamation work to be completed, before they will authorize any new road construction. These areas are indicated on the attached map as 'roads to be ripped/seeded' and 'roads to be blocked'.

We evaluated the reclamation surety adequacy as part of our review of this amendment. Because the current \$12,500.00 reclamation surety is due for a five-year review later this year, we have updated and escalated the surety cost estimate for the next five-year period at this time. In reviewing the surety amount, costs for reclaiming roads that are adequately revegetated (as determined through inspections during the 2002 field season) were removed. Costs associated with reclaiming the proposed access road to the Rusty Rock Area were also removed. This road will not be constructed within the next few years.

Reclamation costs have been adjusted to reflect current third party costs and escalated for the next five-year period. The revised surety amount needed for the Grouse Creek Mountain Quarry is \$15,600.00 (calculated in year 2008 dollars). ***This amount could be reduced by about***

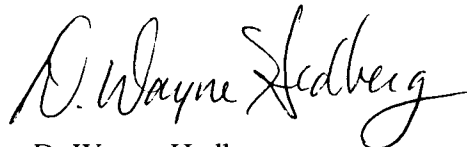
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William Bown
M/003/031
April 25, 2003

\$4,200.00, if the outlined reclamation work is completed before any stone is removed from the project area this year.

Please provide the adjusted surety amount by June 1, 2003. This may be done by obtaining a rider to your current reclamation surety bond, or by filing a replacement/alternate form of reclamation surety. Please note, the Reclamation Contract form will also need to be revised by June 1, 2003, to reflect the changes in the amount of bond and the disturbed acreage for this operation. If you choose another form of surety other than a rider, please contact Joelle Burns at (801) 538-5291 for the appropriate forms.

Thank you for your efforts and cooperation in completing this permit amendment to your Grouse Creek Mountain Operation. As always, please call me, or Lynn Kunzler if you have additional questions regarding this matter.

Sincerely,



D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb

Attachment: Map

cc: Mike Ford, BLM *w/map*
John Blake, SITLA

O:\M003-Box Elder\M0030031-Grouse Creek Quarry\final\amend-04252003.doc

Box Elder County

Prepared by Utah State Division of Oil, Gas & Mining

- No buildings or permanent structures are proposed
- Mine access roads will be ripped, water barred, & broadcast seeded
- 0.5 camp area to be ripped and seeded
- The 1 acre process/grading area will be ripped, topsoil replaced & the area broadcast seeded
- Affected talus slope areas are included in disturbed area (72 acres), but require no reclamation treatments
- Access roads affect 43.56 acres; 23.2* acres will have post mine land use; 11.32 acres require reclamation
- 9.04 acres of roads reclaimed
- Total affected area = talus slopes + roads + staging area; $72 + 43.56 + 1.5 = 117.06$ acres
- Total disturbed area requiring reclamation $(11.32 + 1.5 + 0.46 \text{ (proposed road)}) = 13.28$ acres
- 0.46 acre proposed road - included in this surety estimate

- 2.89 acre road has been proposed but not included in this surety amount
- * A 2.08 acre road has been excluded from reclamation as per written request by the private land owner

-Amount of disturbed area which will receive reclamation treatments = 13.28 acres

<u>Activity</u>	<u>Quantity</u>	<u>Units</u>	<u>\$/unit</u>	<u>\$</u>	<u>Note</u>
Ripping process/grading area	1.0	acre	302	302	(1)
Topsoil replacement staging area - 8 inches, 1 acre	1,076	CY	0.52	560	(3)
Ripping access roads - dozer	11.32	acre	302	3,419	(1)
Regrade/Rip/Seed Road (proposed)	0.46	acre	604	278	
Rip /Seed Camp Area	0.5	acre	302	151	
Broadcast seeding roads & staging	13.28	acre	200	2,656	(4)
General site cleanup & trash removal (50% area)	13.28	acre	50	664	(5)
Equipment mobilization - Burley, Idaho closest city	2	equip	1000	2,000	(6)
Reclamation Supervision	6	days	386	2,316	(7)
		Subtotal		12,345	
10% Contingency				1,235	
		Subtotal		\$13,580	
Escalate for 5 years at 2.82% per yr				2,026	
		Total		\$15,605	
		Rounded surety amount in yr 2008-\$		\$15,600	
Average cost per reclaimed acre =	\$1,175				

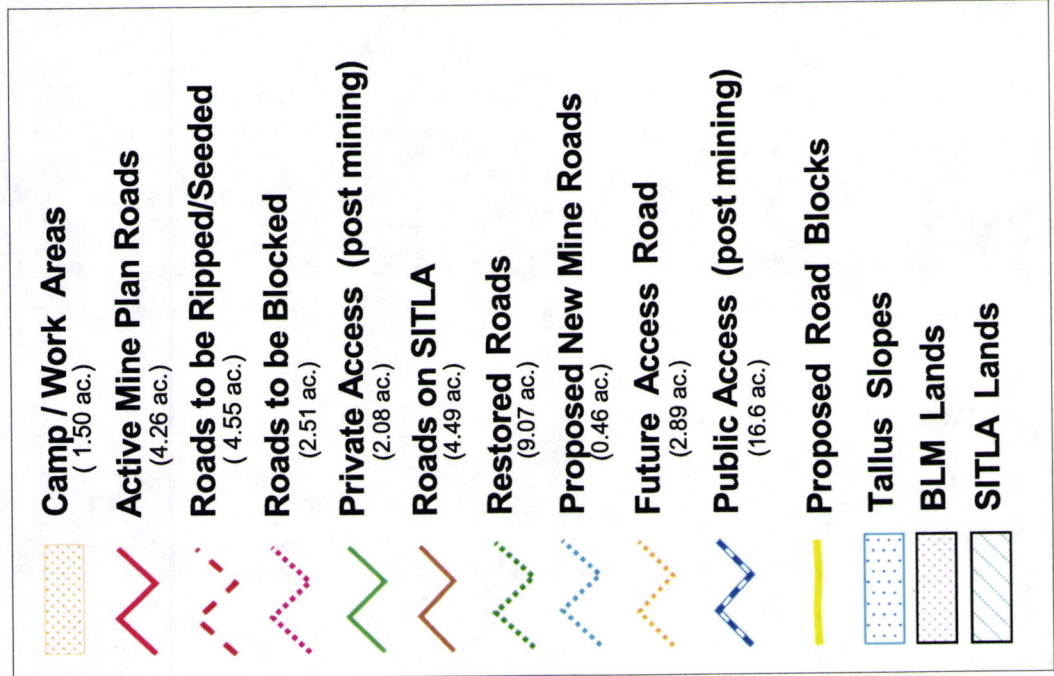
- (1) Means 1997 & Rental Rate Blue Book 4/97: Cat D8N, U, multi shank rippers, speed 0.8 mph
- (1) Means 1997 & Rental Rate Blue Book 4/97: Cat D8N, U, multi shank rippers, speed 0.8 mph
- (3) Means 1997 & Rental Rate Blue Book 4/97: Cat D8N, U, mtl 2550 lb/CY, 100 ft push
- (4) DOGM general estimate - broadcast seeding
- (5) DOGM general estimate - site cleanup & trash removal
- (6) DOGM general estimate - equipment mobilization
- (7) Means 1997, 010-036-0180, project manager, minimum \$1780/wk

Bonneville Quarries, Inc.

Grouse Creek Operations

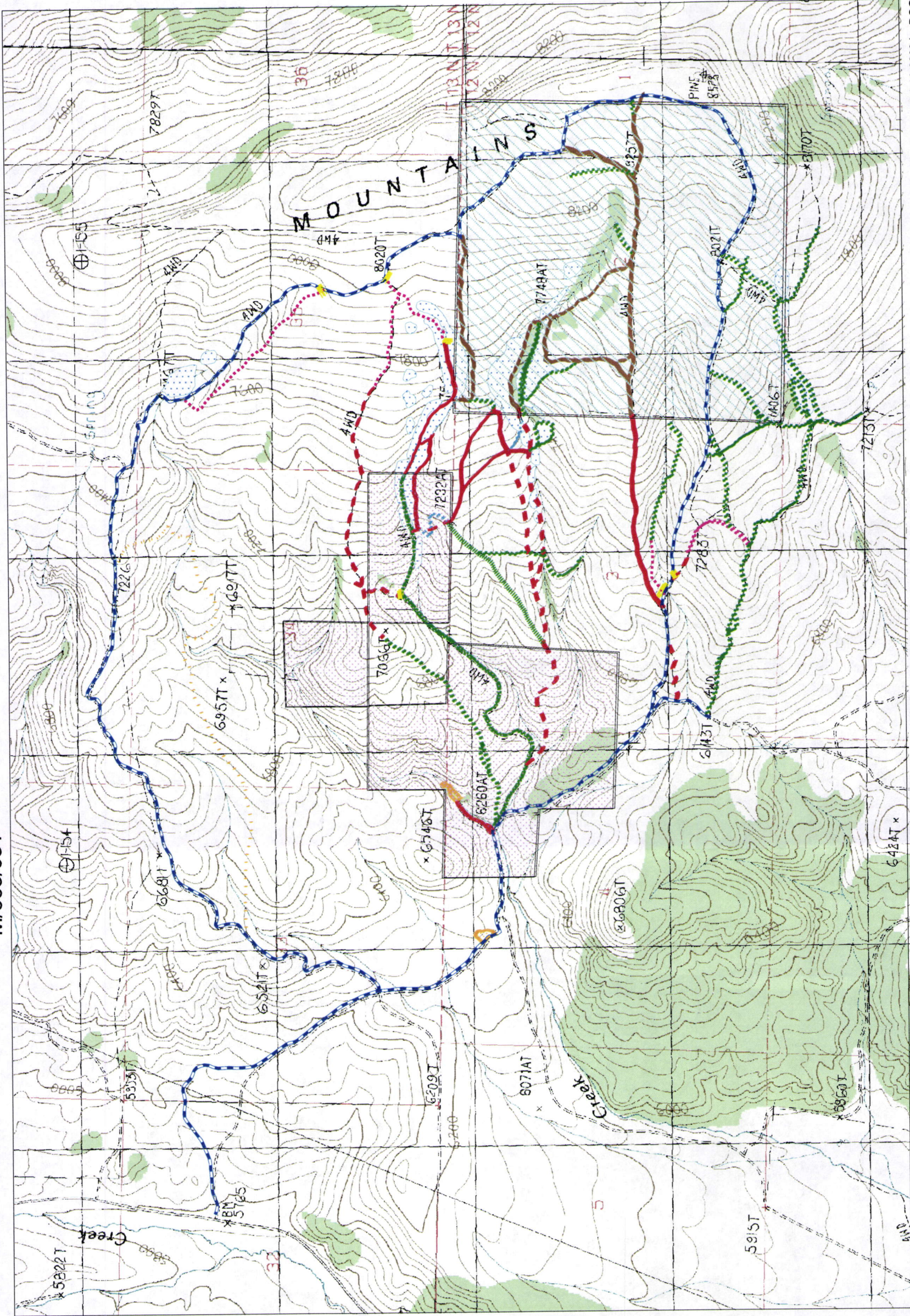
M/003/031

Kimbell Creek Quad



Sections 2, 3 and the NE/4 of 4,
NE/4 - NE/4 Sec. 11, T12N, R17W
Sec 34 and 35, T13N, R17W, SLBM

This product may not meet DOGM
Standards for accuracy and content.
Different data sources and input scales
may cause misalignment of data layers.



0 1000 2000 3000 4000 5000 Feet

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WILLIAM BOWN - UTAH BUILDING STONE

Street, Apt. No.; or PO Box No.

842 W 400 N

City, State, ZIP+4

WEST BOUNTIFUL UT 84087

PS Form 3800, February 2000

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